**Classroom XXI
Site Survey**
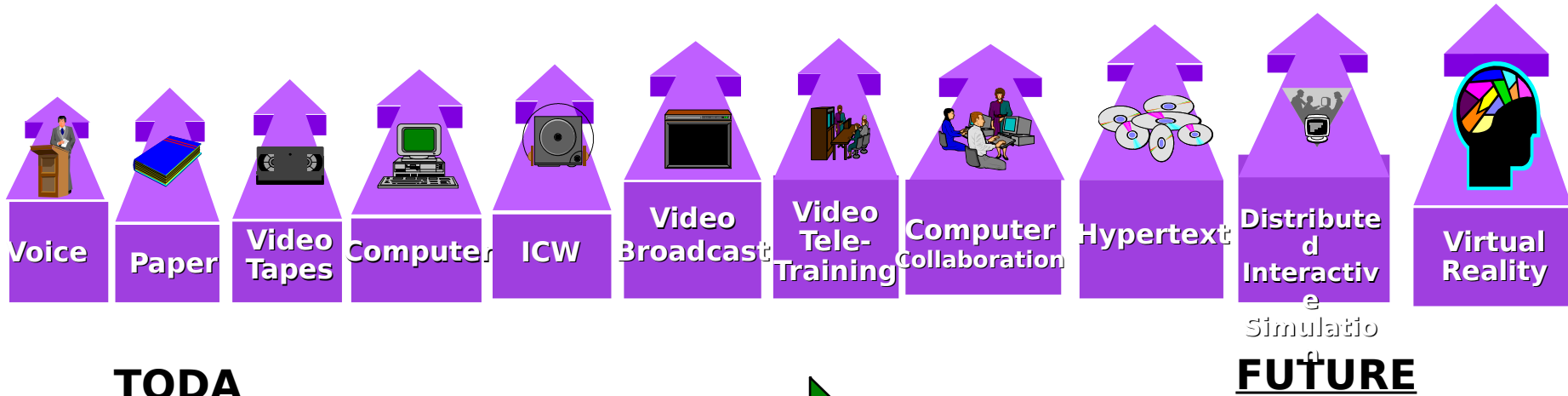
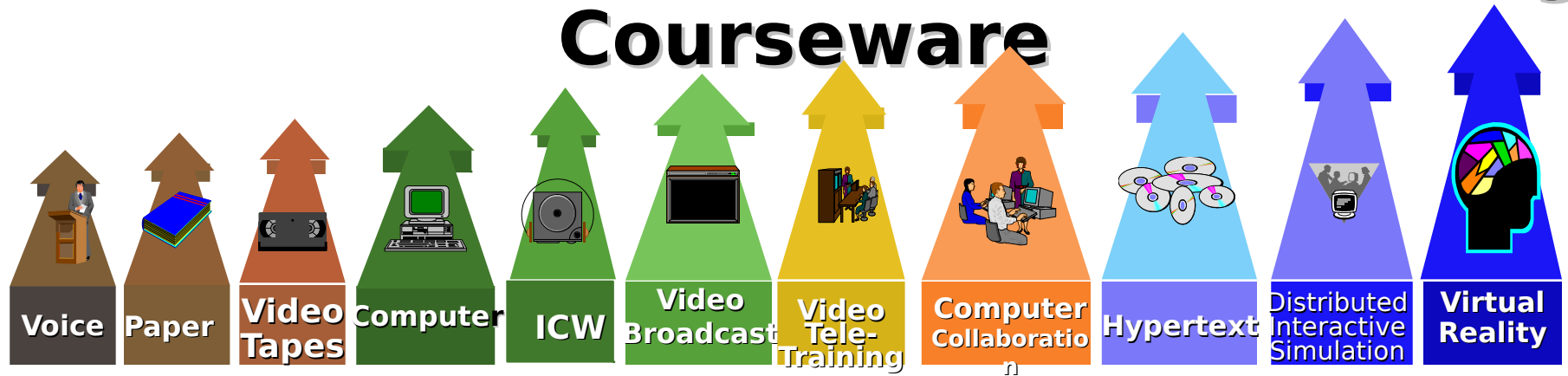Proponent
School

GO!

CRXXI Overview

- **CRXXI and Distributive Learning**

- **CRXXI Capabilities**

- **CRXXI Facilities**

- **CRXXI Site Survey Agenda**

- **CRXXI POCs**

DISTRIBUTIVE LEARNING

Voice | Paper | **Video Tapes** | Computer | ICW | **Video Broadcast** | **Video Tele-Training** | **Computer Collaboration** | Hypertext | **Distributed Interactive Simulation** | **Virtual Reality**

TODAY

FUTURE

- **Video Teletraining**
- **Satellite Based**
  SEN
  TNET

- **Limited Access**
  70 Receive Sites
  56 Receive/Send Sites

ARMY DISTANCE LEARNING PLAN

Information "Super Highway"

Use of Media in Distributive Learning Courseware

Voice | **Paper** | **Video Tapes** | **Computer** | **ICW** | **Video Broadcast** | **Video Tele-Training** | **Computer Collaboration** | **Hypertext** | **Distributed Interactive Simulation** | **Virtual Reality**

Type I   Single Media ICW

Type II Multi Media
- Module I   VTT
- Module II IC
- Module III Video Tape
- Module IV Hands on Exercises — Usually at Resident School

Type III Multi Media
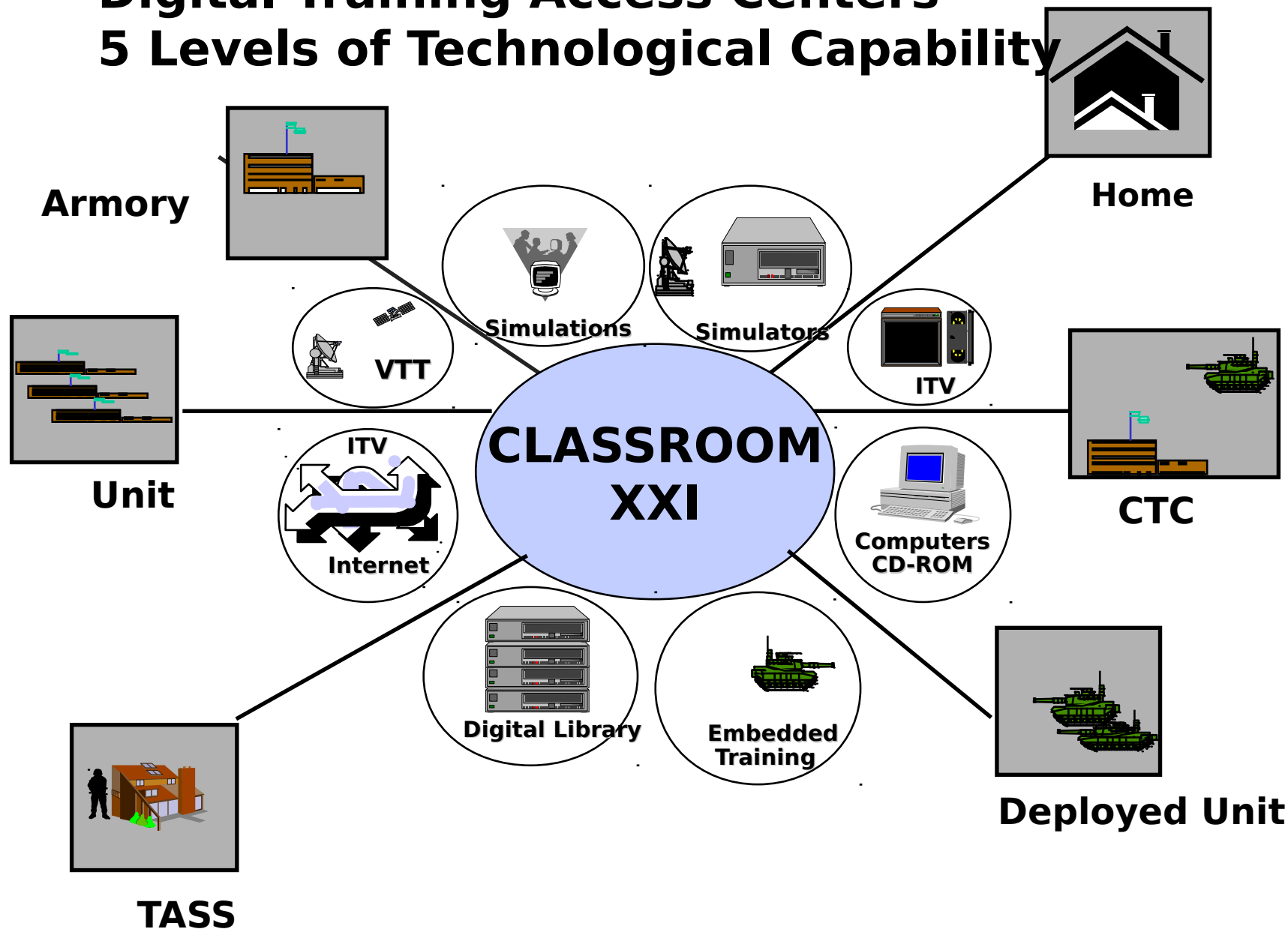- Module I   Video Tape   Paper   VTT
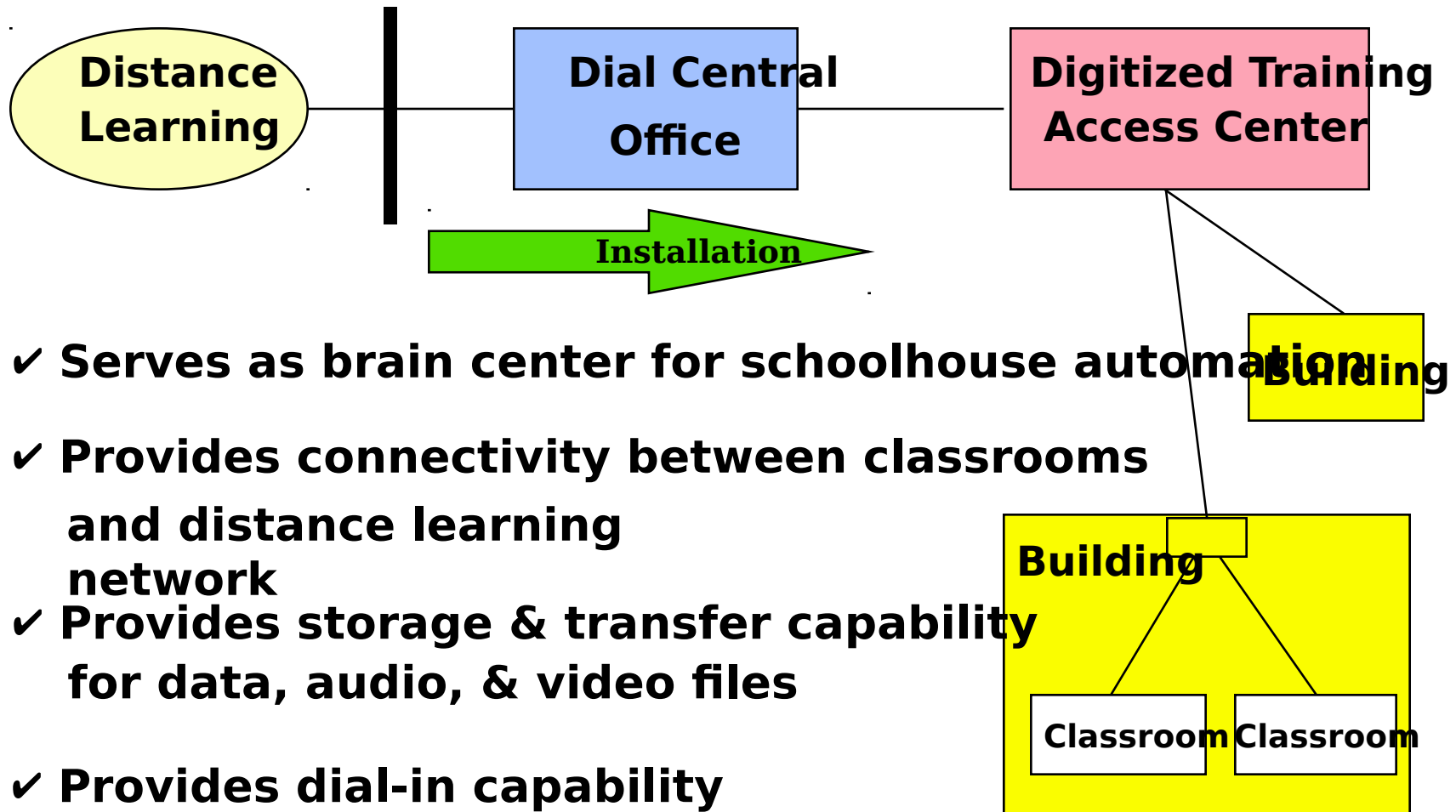- Module II ICW   Hands on Exercises — Usually at Resident School

Fully Networked School System
Digital Training Access Centers
5 Levels of Technological Capability

Armory

Home

Simulations

Simulators

VTT

ITV

CLASSROOM XXI

ITV

Internet

Unit

CTC

Computers CD-ROM

Digital Library

Embedded Training

Deployed Unit

TASS

Digitized Training Access Cent

- ✔ **Serves as brain center for schoolhouse automation**

- ✔ **Provides connectivity between classrooms**
  and distance learning
  network
- ✔ **Provides storage & transfer capability**
  for data, audio, & video files

- ✔ **Provides dial-in capability**

Classroom XXI Levels of Capabilities

LEVEL TRAINING	CAPABILITY	NETWORKS
1	Multimedia Instructor Workstation	Se...
	Video/Data Projection System	or LAN
	Audio Playback System	
	3-D Presentation System	
	Video Teletraining (optional)	
	Student Response System (optional)	
	Level 1 Capability	
2	Student Multimedia Workstation	LAN
	Integrated Student Response Sys	
	Level 1 and 2 Capability	
3	Internet Access	LAN & CAN & WAN
	Video Teletraining	
4	Interactive Simulation	LAN & CAN & WAN
5	Virtual Reality	LAN & CAN & WAN

Instructor Centered

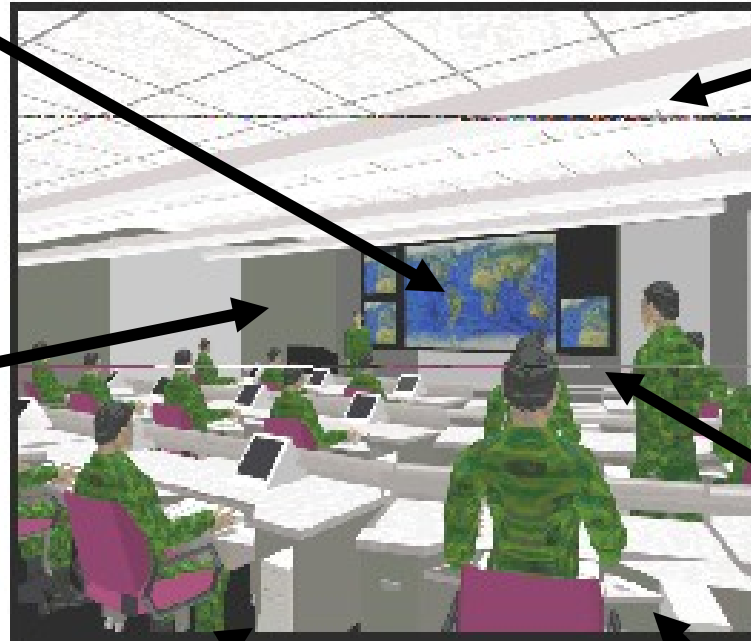**Student Centered**

CLASSROOM XXI CAPABILITIES

Level 3

- Dual screen video/data projection

  - Computer Instruction

  - Video Technology

- Audio System

- Wireless Instructor Microphone

- Integrated TNET

- Multimedia Workstations Fully Networked

ARCHITECTURAL CRITERIA

Video Data Projectio n

HVA C

Acoustica l Walls

Non- Glare Lighting

Acoustical Treatment

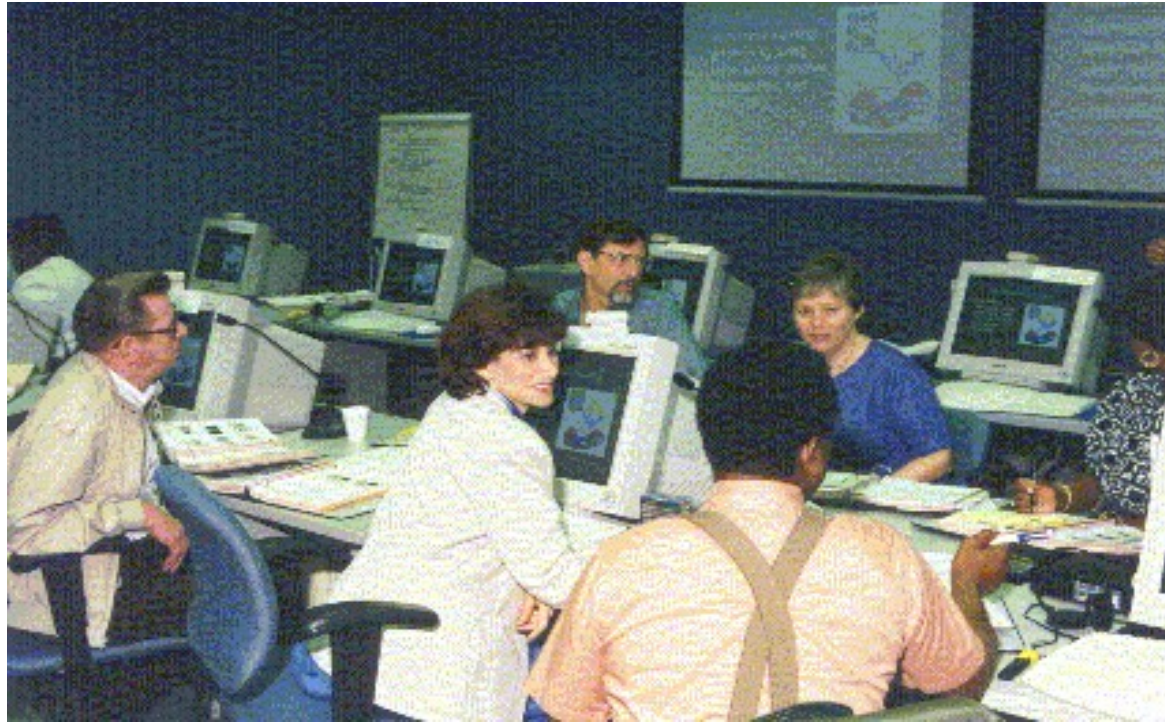**Sight Lines**

Ergonomic Desks & Chairs

Carpeted Raised Access Floor

CLASSROOM XXI CAPABILITIES Level 3 (Continued)

- Internet Access

- Classroom Control Panel (Switch Sources

- Instructor unit for student assist/electronic grouping

- Full-screen, Full-motion video to Desktop

- Collaborative Computing Using Net Meeting

CRXXI FACILITY GOALS

- Efficient learning environment
- Students can see, hear and participate
- Train to the desktop
- Rehabilitate existing classrooms

Instructor Tools

- Multimedia Workstation
- NetMeeting
- Student Assist/Electronic Grouping
- Classroom Control Panel
    - TNET
    - Document Camera
    - VCR

Survey Agenda

Day	Action
Day 1	Inbrief Action Officers
	Inbrief - Chief Staff/Directors
	Begin survey
Day 2	Survey
Day 3	Survey
Day 4	Outbrief/Sign MOAs

IMPLEMENTATION STATUS

- **Survey DCST, DCSBOS, DCSIM, ATSC**
- **Turnkey Solution**
- **Rehabilitation of Existing Classrooms**
- **Technology Implementation**
- **Test and Acceptance**
- **Training**

GOAL: "Turn Key" Implementation

Buy (FY99) hardware, software, networks, furniture

- **Upgrade** facilities

- **Install** - Total Package

- **Train** - DTAC Systems Administrator

- **Turn over** completed facilities

CRXXI

Training the Army of Today for Tomorrow

Site Survey Partners

- **HQ TRADOC: Glenna Dobie, DCST**

- **HQ TRADOC: Jean Hecimovich, DCSBOS**

- **Site Survey Coordinator: Melinda Reed ATSC**

CRXXI POC's

- **Glenna Dobie, TRADOC CRXXI PM**
- **Hilde Wagner, CRXXI Rehabilitation**
- **ATSC CRXXI Site Survey and MOA**
  - **Melinda Reed, Site Survey Coordination**
  - **Lewis Stover, TNET Coordination**